

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My resident, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ISOLATED NUCLEIC ACID MOLECULES WHICH ENCODE T CELL INDUCIBLE FACTORS (TIFs), THE PROTEINS ENCODED, AND USED THEREOF

the specification of which

() is attached hereto.

(X) was filed on October 18, 1999 as Application Serial No. 09/419,568 and was amended on (1) _____, (2) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

Foreign Priority Applications

I hereby claim foreign priority benefits under Title 35, United States Code 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed

Yes () No ()

(Number)

(Country)

(Day/Month/Year Filed)

U.S. Priority Applications

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

09/354,243	07-16-99	Pending
(Applic. Serial No.)	(Filing Date)	(Status-patented/pending/abandoned)
09/178,973	10-26-98	Pending
(Applic. Serial No.)	(Filing Date)	(Status-patented/pending/abandoned)

Power of Attorney

I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Peter F. Felfe, Reg. No. 20,297; John E. Lynch, Reg. No. 20,940; Norman D. Hanson, Reg. No. 30,946; John A. Bauer, Reg. No. 32,554; James Zubok, Reg. No. 38,671; Mary Anne Schofield, Reg. No. 36,669; James R. Crawford, Reg. No. 39,155; Robert Gorman, Reg. No. 41,790; Katrine A. Levin 41,941, Reg. No. and Eric Sinn, Reg. No. 40,177, Patent Agent, my attorneys with full power of substitution and revocation. Address all telephone calls to **NORMAN D. HANSON, Esq.**, at (212) 318-3000 Address all correspondence to:

FULBRIGHT & JAWORSKI L.L.P., 666 Fifth Avenue, New York, New York 10103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Laure Dumoutier
Full Name/Sole or First Inventor

Laure Dumoutier
Signature

04/11/99.
Date

Residence: Avenue Hippocrate 74, UCL 74.59, B-1200 Brussels, Belgium

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(2) Jamila Louhed

Full Name/Second Inventor

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Date

04/11/99

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Full Name/Second Inventor

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Date

October 31st, 1999

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JUNE 14, 1999

PTAS

FULBRIGHT & JAWORSKI L.L.P.
NORMAN D. HANSON
666 FIFTH AVENUE
NEW YORK, NY 10103



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/29/1999

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUMOUTIER, LAURE

DOC DATE: 02/07/1999

ASSIGNOR:

LOUHED, JAMILA

DOC DATE: 02/10/1999

ASSIGNOR:

RENAULD, JEAN-CHRISTOPHE

DOC DATE: 02/07/1999

ASSIGNEE:

LUDWIG INSTITUTE FOR CANCER
RESEARCH
605 THIRD AVENUE
NEW YORK, NEW YORK 10021

SERIAL NUMBER: 09178973
PATENT NUMBER:

FILING DATE: 10/26/1998
ISSUE DATE:

RECEIVED

JUN 24 1999

FULBRIGHT & JAWORSKI LLP

LENELL MACKALL, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-06-1999

To the Honorable Commissioner of Pa.

101002060

original documents or copy thereof.

1. Name of conveying party(ies):

Laure Dumoutier

Jamila Louhed

Jean-Christophe Renauld

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Ludwig Institute for Cancer Research

Internal Address: _____

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Street Address: _____

605 Third AvenueNew York, New York 10021Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: February 7, February 10 and February 7, 1999, respectively

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/178,973 filed October 26, 1998

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Norman D. HansonInternal Address: FULBRIGHT & JAWORSKI L.L.P.Street Address: 666 Fifth AvenueCity: New York State: NY Zip: 101036. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41) \$40.00☒ Enclosed☒ Authorization to be charged to deposit account8. Deposit Account Number: 500624

(Attach duplicate of this page if paying by Deposit Account)

04/05/1999 JSHABAZZ 00000128 09178973

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Norman D. Hanson

Name of Person Signing

Signature

March 25, 1999

Date

Total number of pages including cover sheet, attachment, and document: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patent and Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

Whereas the undersigned [hereinafter (collectively) "**ASSIGNOR**"] have invented certain new and useful improvements in

ISOLATED NUCLEIC ACID MOLECULES WHICH ENCODE T CELL INDUCIBLE FACTORS (TIFs), THE PROTEINS ENCODED, AND USES THEREOF

for which an application for United States Letter Patent was filed on October 26, 1998.

Whereas
Ludwig Institute for Cancer Research
605 Third Avenue
New York, New York 10021

a Swiss not-for-profit corporation (hereinafter "**ASSIGNEE**") is desirous of acquiring the entire right, title and interest in the same:

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is hereby acknowledged, and the other good and valuable consideration, the said **ASSIGNOR** hereby sells, assigns and transfers unto said **ASSIGNEE**, the full and exclusive right to the said invention in the United States and the entire right, title, and interest in and to any and all Letter Patent which may be granted therefor in the United States.

Said **ASSIGNOR** hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said **ASSIGNEE**, as the assignee of the entire right, title, and interest in and to the same, for the sole use and for the use of its successors, legal representatives, and assigns, to the full end of the term for which said Letter Patent may be granted, as fully and entirely as the same would have been held by said **ASSIGNOR** had this assignment and sale not been made.

Witness, the hand and seal of the **ASSIGNOR** on the date(s) indicated.

Date(s)

Signature(s)

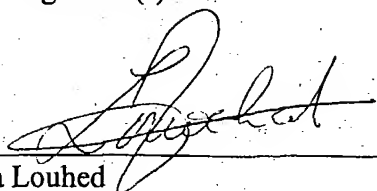
Le 07-02-99


Laure Dumoutier

Date(s)

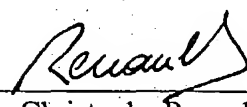
Signature(s)

10/02/99



Jamila Louhed

February 7, 1999



Jean-Christophe Renault